

SPECIFICATION AMENDMENT

1. Please replace the paragraph beginning at line 10 page 3 with the following amended paragraph:

To be able to react in a flexible **[[a]]** way in such bidirectional systems with flexible routing options to faults in radio traffic and changes in the subscriber structure and to always ensure secure connections it is necessary in such a system for the fact that a subscriber belongs to this system to be known to all other subscribers. This would be possible by using the serial number of a detector as an identification which is known to all other subscribers so that it only allows the known subscribers to take part in data traffic. The disadvantage here however is that such a serial number is relatively long and therefore takes up relatively large amounts of space in the individual subscribers. In addition each time that a new subscriber registers their identification or serial number must be notified to all the others, which takes a very long time and places a significant load on the radio channel. If in addition, the registration of a detector is also to be possible via a number of subscribers the cell identification, that is the serial number, must be entered beforehand since the radio cell information of subscribers not yet registered cannot be transmitted. The setting necessary for this can only be made manually and is therefore relatively prone to error. Such errors in the identification number can also barely be recognized during commissioning.